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**From:** WaterISAC  
**Sent:** Thur 1/16/2014 5:49:47 PM  
**Subject:** WaterISAC Pro Daily Update - January 16, 2014

**Not for Public Dissemination**

**January 16, 2014**

Water sector incidents and current threats

## **Elk River, West Virginia Contamination Response**

- **The “Do Not Use” water order has been lifted for customers in Marmet, Belle, Chesapeake, Cabin Creek, Pratt, Paint Creek, Brynwood-Elk River, Beacon Ridge, Brook Hill, Credemont, Crestwood, Milliken, Mile Fork, Coopers Creek, Jarrell Addition, Jenkins Hollow, Airport, Air National Guard, Eagle View, Mount Alpha, Lower Donnally, Culloden, Hamlin, Cross Lanes, Poca, Nitro, and Boone County.**
  - **Water restrictions were previously lifted for downtown Charleston, East End, Kanawha City, South Charleston, North Charleston, Edgewood, Southridge, Southside, the George Washington area around South Hills, Alum Creek, Upper Falls, areas in Kanawha and Putnam counties, Sissonville, Grandview, and Allen's Route.**
- **West Virginia American Water released a press statement emphasizing that experts at the U.S. Centers for Disease Control and Prevention established the acceptable level of 4-methylcyclohexane methanol at 1 ppm, which the West Virginia Department of Health and Human Resources' Bureau for Public Health and the U.S. Environmental Protection Agency reviewed and concurred with before protocols were developed for lifting the water bans.**
- **West Virginia American Water has also provided the following statement on its website: According to the CDC, “At this time, scientists continue to recommend 1 ppm as a protective level to prevent adverse health effects. However, due to limited availability of data, and out of an abundance of caution, you may wish to consider an alternative drinking water source for pregnant women until the chemical is at non-detectable levels in the water distribution system.”**
- **Communities along the Ohio River report concentrations of 4-methylcyclohexane methanol continue to lower as the plume travels downriver.**
  - **The water facility in Cincinnati, OH reported the detection of 4-methylcyclohexane methanol at levels between 10 and 30 parts per billion in the Ohio River water. The intakes for the water treatment plant in Cincinnati remain shut down as a precautionary measure and may be closed until approximately midnight on January 16. The drinking water in the Cincinnati area is not affected.**

- A supplemental water supply is available for the Cincinnati area from a water treatment plant in Fairfield, OH 20 miles north of Cincinnati. The facility is able to fully meet the needs during the period of intake closure.
- The water facility in Louisville, KY anticipates the plume will be in the Louisville area by January 17. The facility in Louisville does not plan to close its water intakes due to the quality of its filtration system.

[Read more on the WaterISAC Portal](#)

## General Security

### Survey of Security Incidents in the Water Sector: July - December 2013

WaterISAC needs your help to develop the upcoming semi-annual analysis of water sector security incidents and suspicious activities in the water sector, covering July 1 - December 31, 2013. The survey asks questions about the number and types of incidents both experienced and prevented at your organization and seeks information on the types of products and services that would most assist your security preparedness and resilience strategies. The deadline for responses is Tuesday, January 21, 2014, so please take a few moments to complete the survey.

[Access the survey on the WaterISAC Portal](#)

### (U//FOUO) Increase of Counterfeit Currency in Philadelphia Area

The Philadelphia Division of the United States Secret Service has identified a recent increase in counterfeit currency in the region at businesses of all sizes. The counterfeit Federal Reserve Note is illustrated on a bulletin provided by the U.S. Secret Service and the U.S. Department of Homeland Security. *(Restricted to U.S. entities.)*

[Read more on the WaterISAC Portal](#)

### Ex-U.S. Soldier Sentenced to 7 Years for Trying to Join al Shabaab

Craig Baxam was arrested in Kenya in December 2011 en route to Somalia where he had planned to join al Shabaab, according to the summary of the plea agreement in the case. Having undergone eight months of advanced training for cryptology and intelligence in the U.S. Army, Baxam claimed he knew of the U.S. government's tracing and investigative techniques and therefore destroyed his personal computer before leaving for Somalia. Following his arrest Baxam allegedly told FBI agents he wanted to join al Shabaab, live under Sharia law, and never intended to leave Somalia. The FBI has pointed to the cooperation between its agents and Kenyan police partners as having helped to stop Baxam.

and as an example of efforts to fight terrorism that transcend borders. [CNN](#)

## RESILIENCE

### Limited Water Predicted West of the Continental Divide

The United States Department of Agriculture Natural Resources

Conservation Service National Water and Climate Center has released its first forecast for the year, in which it states a limited water supply is predicted west of the Continental Divide – west of the Rocky Mountains. The Center also predicts normal water supply east of the Continental Divide. Monitoring the snowpack of 13 western states, the Center’s mission is to help the West prepare for spring and summer snowmelt and streamflow by providing periodic forecasts. It’s a tool for farmers, ranchers, water managers, communities, and recreational users to make informed, science-based decisions about future water availability. [UPI](#) and [USDA NRCS NWCC](#)

## CYBERSECURITY

### (U//FOUO) Intelligence Bulletin – Social Engineering and Attempted Breaches of Computer Systems

The Critical Infrastructure/Key Resources Branch of the Maryland Coordination and Analysis Center (MCAC) has provided a situational awareness document that describes recent incidents and mitigation strategies in an effort to reduce cyber intrusions. This document describes recent attempts to breach computer systems and provides background information regarding these and other social engineering threats. *(Restricted to U.S. entities.)*

[Read more on the WaterISAC Portal](#)

### Security Advisories and Updates for BlackBerry, Oracle, and Adobe

BlackBerry, Oracle, and Adobe have released security advisories and updates for their applications and products to provide awareness of vulnerabilities and mitigating actions. The posting for each advisory/update indicates the affected applications and provides recommendations from US-CERT for mitigating actions.

[Read the notices in the library on the WaterISAC Portal](#)

Today's Events

**None**

Upcoming Events

**Water Sector Cyber Threat Briefing by WaterISAC**

**Tuesday, January 28, 2014, 2-3 PM ET**

**On January 28, 2014, WaterISAC will host the monthly Water Sector Cyber Threat Briefing. The webcast will cover industrial control system security incidents and emerging threats, new industrial control system vulnerabilities in the water sector, situational awareness updates and opportunities for additional support and learning. The webcast will feature presentations from Cavron Mortensen, U.S. Department of Homeland Security ICS-CERT; Jeffrey Ashcraft, Critical Intelligence; and Salim Neino, Kryptos Logic.**

**Information and registration**

The WaterISAC Pro Daily Update is distributed to WaterISAC Pro members every weekday with the exception of public holidays and special events. WaterISAC will issue alerts or advisories outside of this schedule when warranted.

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**Lead Analyst**

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